### Historic, archived document

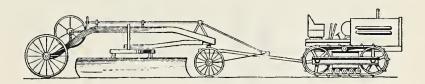
Do not assume content reflects current scientific knowledge, policies, or practices.



Moon



# CONSTRUCTION



## HINTS

UNITED STATES DEPARTMENT OF AGRICULTURE, FOREST SERVICE WASHINGTON, D.C.

Vol. 3

July 23, 1937

No. 10

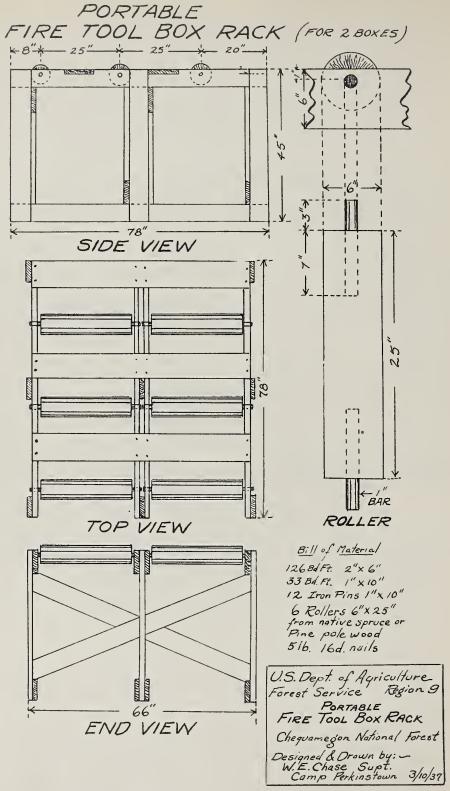
### METHOD FOR DUST PROOFING DODGE PANEL BODIES

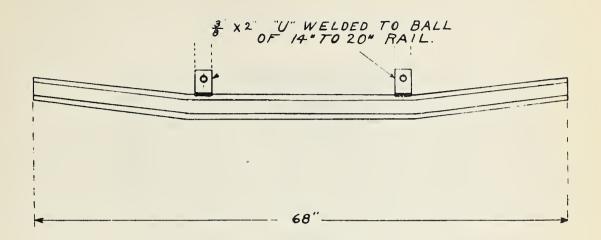
(Used in Alabama Forest)

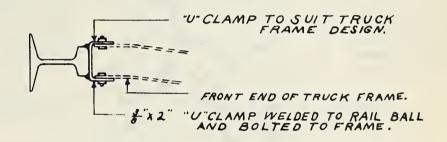
"For the benefit of those others who have been wearing respirators and goggles when traveling on dusty roads, Radio Technician Knight and District Ranger Silcocks have discovered a simple solution of the dust problem in Rangers' Panel Body Trucks.

"Remove all the interior panel work in the rear portion of the body. Cut and fit pieces of wooden flooring to fit the holes left for "ventilation" in the floor between the inner and outer panels of the body. Pack an eight inch layer of rock wool insulating material between the inner and outer panels at the bottom when the inner panels are replaced. Place additional sponge rubber (rubber shim) material around the rear doors wherever necessary.

"The total cost of the job is one man's time for a day, plus \$1.75 worth of materials."







U. S. FOREST SERVICE REGION 6

MECHANICAL IMPROVEMENTS & REPAIRS

14"TO 20" RAIL BUMPER
FOR TRUCKS

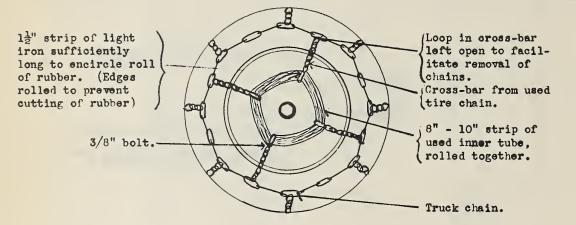
SUBMITTED BY R.F. COOKE

FOREST MT BAKER DATE 4-5-37

PORTLAND ORE. SKETCH 018

#### TENSION ON TRUCK CHAINS

T. M. Holt
Superintendent, F-22
R-9



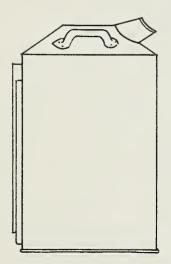
The above method has been found effective in reducing excessive wear of truck chains. Additional tension can be applied by shortening the length of the cross-bar attached to strip of inner tube.

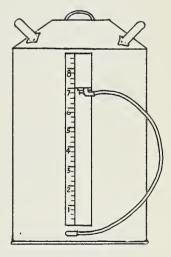
(From "Soil Conservation", February, 1937)

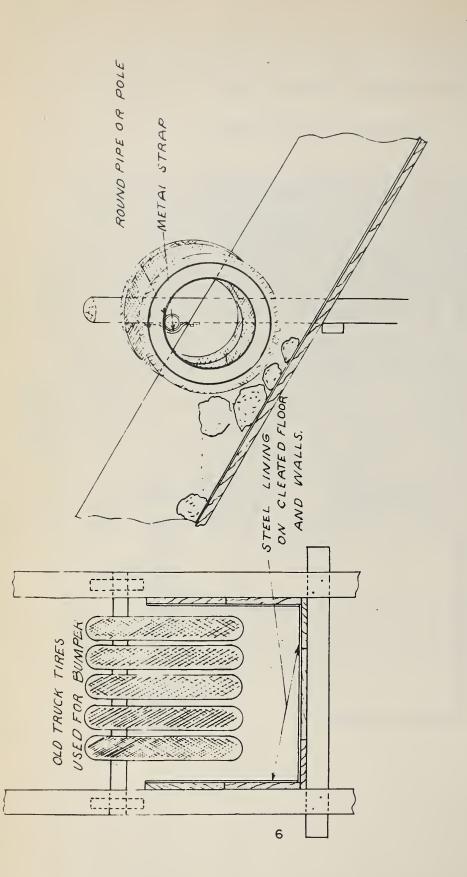
#### KEEPS WATER-CEMENT RATIO UNIFORM

The E.C.W. camp at Galva, Illinois, has constructed a water measuring can, used in concrete work, which makes it possible for the water-cement ratio of the mixture to be kept uniform. This measuring can, a sketch of which is shown, consists of a 10-gallon milk can with the top cut off just above the handles and a pouring spout soldered on. On the opposite side, a hole is drilled near the bottom of the can and a small elbow soldered in as shown. A scale showing the contents of the can in gallons and quarts is soldered to the can just above this elbow. Another elbow is attached to the scale in such a manner that it can be moved up and down. A pointer is soldered to this elbow flush with the top so that it points to the figures or scale. Then the two elbows are connected with a rubber tubing.

After the correct quantity of water to be added to any mixture has been determined, the pointer is set to the desired quantity and the can filled until the water runs out of the upper elbow, for each batch.







U. S. FOREST SERVICE. REGION 6
MICHANICAL IMPROVEMENTS & REPAIRS
BUMPER FOR ROCH CHUTE TO
PREVENT ROCHS FLYING OUT
SUBMITTED BY R. H. MERCER.
FOREST WILLAMETTE DATE 5-18-37
PORTIAND ORE. SKETCH 023